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<Preface>Welcome to IUTAM Symposium

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Welcome to IUTAM Symposium

It was our great honor to hold IUTAM Symposium of 50 Years of Chaos: Applied and Theoretical at Kyoto University, Kyoto, Japan. As everyone knows that one of the original results of investigating chaos was achieved by Professor Yoshisuke Ueda on November 27, 1961, when he was a graduate student of Kyoto University. Then 50 years of chaos, name of this symposium is really the term from the day. This IUTAM Symposium matches to the celebrations.

In this half century, the research in nonlinear dynamics have matured in science and engineering. We could speak the same language from theory to applications. The nonlinearity is also one of important topics in every research field to comprehend the transient and spatial change of phenomena. Chaos and nonlinearity has already gained a citizenship of science and engineering.

On behalf of organizing committee, I appreciate the support by Commemorative organization for the Japan World Exposition '70, Graduate School of Engineering and International Research Unit of Integrated Complex System Science (IRU-ICSS), Center of Excellence for Education and Research on Photonics and Electronics Science and Engineering at Kyoto University, FIRST Aihara Innovative Mathematical Modelling Project, JSPS, and other supports by colleagues in Japan. Moreover, we thank to Engineering Science Society at the Institute for Electronics, Information and Communication Engineers (IEICE) and IEEE Circuits and Systems Society, Kansai Chapter. Finally, we thank the financial support by Osaka Gas Co., Ltd.

At the end, we are expecting that this symposium encourages young researchers to take the interdisciplinary research forward to the new generation.

Takashi Hikiyara
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Chair of IUTAM Symposium